

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	564	604/74-76.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2011/09/16 08:45
L28	87	27 and "T"	US- PGPUB; USPAT; USOCR	ADJ	ON	2011/09/16 08:45
L34	22	("3981636"   "4799922"   "6270474"   "20040015127"   "6508792"   "6764286"   "5453097"   "20030153869"   "4813932"   "20040250864"   "5897033"   "6042560"   "6390130"   "4181477"   "4680028"   "5358476"   "6110141"   "5415632"   "5360413"   "5025829"   "6289521"   "3827456").PN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2011/09/16 09:06
L35	1	("20070173156").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/09/16 09:06
L36	23	34 or 35	US- PGPUB; USPAT; USOCR	ADJ	ON	2011/09/16 09:06
S1	5	"6390130"	US- PGPUB; USPAT	ADJ	ON	2008/07/28 13:12
S2	1	("6390130").PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S3	1	("6110141").PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S4	1	((("6749582") or ("2004249340") or ("2003204164"))).PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:14
S5	3	((("6749582") or ("20040249340") or ("20030204164"))).PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:14
S6	1	("5025829").PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 13:15
S7	4367	604/30,73,74,167,01-167,03,236,237,241,256,322-326,346,533,537,905.ocls.	US- PGPUB; USPAT	ADJ	ON	2008/07/28 14:20

S8	99	(("20010038799") or ("2003004459") or ("20030176817") or ("20030204164") or ("20040116902") or ("20040158199") or ("20040199107") or ("20040249340") or ("20050015045") or ("20050159701") or ("20050192668") or ("20050224443") or ("20050283112") or ("20060011239") or ("20060069403") or ("20060111664") or ("20060184100") or ("20060276745") or ("20070068890") or ("20070078383") or ("20070093893") or ("20070179439") or ("20070292276") or ("3663968") or ("3919724") or ("4070237") or ("4263682") or ("4311141") or ("4327742") or ("4335751") or ("4392663") or ("4473091") or ("4489751") or ("4505398") or ("4517994") or ("4531518") or ("4545491") or ("4583970") or ("4813932") or ("4826501") or ("4886494") or ("4933116") or ("4950292") or ("5019101") or ("5231831") or ("5295957") or ("5358478") or ("5415632") or ("5456716") or ("5505226") or ("5509736") or ("5545221") or ("5568886") or ("5584581") or ("5669395") or ("5725506") or ("5747083") or ("5749850") or ("5772078") or ("5776098") or ("5823852") or ("5843029") or ("5882353") or ("5885230") or ("5941847") or ("5997486") or ("6007497") or ("6034845") or ("6045529") or ("6083262") or ("6090065") or ("6099566") or ("6110141") or ("6149395") or ("6152896") or ("6162187") or ("6189798") or ("6210360") or ("6210360") or ("6233767") or ("6257847") or ("6270474") or ("6315796") or ("6355115") or ("6364961") or ("6461324") or ("6475753") or ("6588613") or ("6654629") or ("6706012") or ("6749582") or ("6818162") or ("6964651") or ("6974439") or ("6997897") or ("7008400") or ("7048724") or ("7137995") or ("7255681") or ("RE32743").PN.	US- PGPUB; USPAT	OR	OFF	2008/07/28 14:52
S9	14	("5071403").PN. OR ("6110141").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:32
S10	14	("2758609"   "3084707"   "3270771"   "4712583"   "5025829"   "5617897"   "5727594"   "5771935"   "6089272").PN. OR ("6390130").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:33
S11	31	("2497906"   "2758609"   "3176712"   "3827456"   "4593720"   "4712583").PN. OR ("5025829").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:43
S12	21	("3633605"   "4237880"   "4241756"   "4343305"   "4534764"   "4846215"   "4966199"   "5025829"   "5453097"   "5520661"   "5617897").PN. OR ("5771935").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:49
S13	14	("5071403").PN. OR ("6110141").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:53
S14	14	("2758609"   "3084707"   "3270771"   "4712583"   "5025829"   "5617897"   "5727594"   "5771935"   "6089272").PN. OR ("6390130").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:53
S15	90	("0316584"   "0532236"   "0684078"   "0956325"   "0975047"   "1113942"   "1184631"   "1460327"   "1644257"   "1670610"   "2060063"   "2222811"   "2419795"   "2522108"   "2542505"   "2545857"   "3233607"   "3382867"   "3587567"   "3738363"   "3782385"   "3797734"   "3822703"   "3830238"   "3911920"   "3977405"   "4249481"   "4263912"   "4311141"   "4323067"   "4501585"   "4573969"   "4583970"   "4634430"   "4673388"   "4680028"   "4705504"   "4759747"   "4775366"   "4794915"   "4799922"   "4799924"   "4799925"   "4813932"   "4857051"   "4883464"   "4929229"   "4950236"   "4961726"   "5007899"   "5009638"   "5049126"   "5100406"   "5178095"   "5218924"   "5295957"   "5304129"   "5356398"   "5358476"   "5368583"   "5749850"   "5843029"   "5885246"   "5941847"   "6050432"   "6116780"   "6152896"   "D406348").PN. OR ("6749582").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:55
S16	223	S7 and breast and (valve or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:07
S17	11	S7 and breast and valve seat	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:08

S18	76	\$7 and (opening or aperture or vent) with (offset or stagger\$3)	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:17
S19	80	604/237. ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2008/08/12 09:04
S20	30	("3767085"   "4359049"   "4610666"   "4689042"   "4755169"   "4795433"   "4978336"   "4979942"   "5116315"   "5147323"   "5199949"   "5240146"   "5253785"   "5271527"   "5286258"   "5298023"   "5314412"   "5329976").PN. OR ("5478323").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 09:42
S21	1226	137/859.512.15. ocls.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:27
S22	5	("3373743"   "4112924"   "5478323"   "5626567").PN. OR ("6508792").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:28
S23	1	("5792153").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:39
S24	599	137/859. ocls.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:52
S25	5403	604/246,247,248,249,256,30,32,33,167.01,167.02,167.03,236,237,322,323,324,326,73,74,75,76,346. ocls.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:53
S26	807	604/73,74,75,76,346. ocls.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:53
S27	398	\$26 and (diaphragm or flange or valve)	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 10:54
S28	4	("5071403").PN. OR ("6110141").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:20
S29	1310	137/859,852,843. ocls.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:52
S30	572876	"29" and openings	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:07

S31	1310	137/859,852,843.cds.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:07
S32	293	S31 and openings	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:07
S33	661	137/512,15.cds.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:08
S34	84	S33 and diaphragm	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:09
S35	476	valve and openings with t-shaped	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:54
S36	190	valve same openings with t-shaped	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 14:54
S37	1	("5025829").PN.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:07
S38	3	((("6390130") or ("6110141") or ("6749582"))).PN.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:08
S39	14	((("2758609"   "3084707"   "3270771"   "4712583"   "5025829"   "5617897"   "5727594"   "5771935"   "6089272").PN. OR ("6390130").URPN.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:09
S40	807	604/73,74,75,76,346.cds.	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:11
S41	0	S40 and no-autoclavable	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:12
S42	1	S40 and non-autoclavable	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:12
S43	22	S40 and autoclav\$4	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:12

S44	3605	breast and autoclav\$4	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:23
S45	108477	breast pump and autoclav\$4	US- PGPUB; USPAT; USOCR	OR	:OFF	2008/08/12 15:23
S46	892	breast pump and autoclav\$4	US- PGPUB; USPAT; USOCR	AND	:OFF	2008/08/12 15:23
S47	11	breast pump and non-autoclav\$4	US- PGPUB; USPAT; USOCR	AND	:OFF	2008/08/12 15:24
S48	10	breast and non-autoclav\$4	US- PGPUB; USPAT; USOCR	AND	:OFF	2008/08/12 15:24
S49	471	137/859	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 11:27
S50	599	137/859.ocls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 11:29
S51	335	S50 and opening	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 11:29
S52	631	slit with t-shaped	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:03
S53	2	S52 and "137".cls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:03
S54	242	slit near2 t-shaped	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:03
S55	181	slit near1 t-shaped	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:03
S56	10242	"631" and valve	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:04

S57	54	\$52 and valve	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:04
S58	266	slit or opening) near2 t-shap\$3 and valve	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:08
S59	1060	opening with foot with bar	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:13
S60	10	opening with foot with bar with t-shap\$3	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:13
S61	123	opening with foot with bar and valve	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:14
S62	65	opening with foot with bar same (valve or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:14
S63	1	("4402342").PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/13 13:18
S64	7	("0921892"   "3286727").PN. OR ("4402342").URPN.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:18
S65	4	("3286727").URPN.	USPAT	ADJ	:OFF	2008/08/13 13:20
S66	12	("1302084"   "1385147"   "2604296"   "3286727"   "3310066").PN. OR ("3903921").URPN.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:22
S67	7787	opening or slit) near2 (t-shap\$3 or (cross near2 shap\$3))	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:39
S68	143	S67 and "137".clas.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 13:40
S69	661	137/512.15.ccls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:12
S70	467	137/843.ccls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:12

S71	286	137/852.0cls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:12
S72	1380	S69 or S70 or S71	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:12
S73	727	S72 and opening	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:12
S74	0	"2004087898"	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 14:44
S75	2	("2004087898") or ("6461324") or ("2003230351") or ("6110140").PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/13 14:44
S76	4	("2004087898") or ("6461324") or ("2003230351") or ("6110140").PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/13 14:45
S77	529	251/358.0cls.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:00
S78	18	S77 and t-shap\$3	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:00
S79	996	t-shaped opening	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:13
S80	139	S79 and (valve or diaphram or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:14
S81	26	S79 with (valve or diaphram or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:14
S82	176	valve with slit near2 cross\$3	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:44
S83	235	valve with slit near2 (cross\$3 or intersect\$3)	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/13 16:44

S84	467	137/843.0cls.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 17:31
S85	286	137/852.0cls.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 17:54
S86	599	137/859.0cls.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/13 18:17
S87	2	((20030153869" or ("6287521")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 07:29
S88	972	137/599.01.cls.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 07:48
S89	23	"0259682"   "1350610"   "2615675"   "3194262"   "3646957"   "4141379"   "4175794"   "4210370"   "4690465"   "4705324"   "4765693"   "4813448").PN. OR ("5141298").URPN.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 07:57
S90	1	("5843029").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 08:34
S91	86	"0790051"   "0793940"   "0897289"   "1484874"   "1509226"   "1596520"   "1880354"   "2209424"   "2303393"   "2558479"   "3424486"   "3637129"   "3695266"   "3728385"   "3738363"   "3782385"   "3822703"   "3911920"   "3921249"   "3977405"   "4020838"   "4033346"   "4263911"   "4263912"   "4573969"   "4583970"   "4673388"   "4680028"   "4759747"   "4799922"   "4813932"   "4857051"   "4892517"   "4929229"   "4954054"   "4961726"   "4964851"   "4968303"   "4998915"   "5007899"   "5009638"   "5049126"   "5071403"   "5188610"   "5241969"   "5277557"   "5295957"   "5304129"   "5358478"   "5408919"   "5415632"   "5662268"   "D251015"   "D283732"   "D295896"   "D299537"   "D307478"   "D309500"   "D313103"   "D326319"   "D326516"   "D345209").PN. OR ("5843029").URPN.	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:34
S92	9622	valve with notch	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:44
S93	7	valve with jacket with notch	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:46
S94	1054	(diaphram or diaphragm) with notch	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:47
S95	2	((5104093" or ("5381563")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2008/08/14 08:47
S96	97	cross-shaped openings	US- PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/14 08:55

S97	110	cross shaped openings	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/14 09:02
S98	12	three branch shaped openings	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/14 09:03
S99	10	three branch shap\$3 opening	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/14 09:04
S100	372	604/29.cols.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/14 13:14
S101	453	604/30.cols.	US- PGPUB; USPAT; USOCR	ADJ	:OFF	2008/08/14 13:22
S102	16	((("3833147") or ("4610665") or ("5336203") or ("5897033") or ("5904275") or ("6352520")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/14 13:45
S103	14	((("4680028") or ("4799922") or ("6287521") or ("20030153869")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/14 14:30
S104	14	((("3411669") or ("5025829") or ("5360413")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/14 14:30
S105	11	((("4345619")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/14 14:31
S106	13	((("3827456") or ("5360413") or ("4345619")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2008/08/14 14:31
S107	11	((("20070173756")).PN.	US- PGPUB; USPAT; USOCR	:OR	:OFF	2009/03/18 13:54
S108	702	604/73-76.cols.	US- PGPUB; USPAT; USOCR	ADJ	:ON	2009/03/18 14:13
S109	325	S108 and breast	US- PGPUB; USPAT; USOCR	ADJ	:ON	2009/03/18 14:14

S110	354	\$04/74.cds.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S111	98	\$04/75.cds.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S112	73	\$04/76.cds.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S113	225	\$04/73.cds.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S114	19	\$113 and breast	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S115	498	\$110 or \$111 or \$112 or \$114	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S116	17	\$115 and autoclav\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:14
S117	11	\$115 and non-autoclav\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15
S118	0	\$115 and cannot with autoclav\$4	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:15
S119	176	\$04/346.cds.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S120	65	\$119 and breast	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S121	531	\$120 or \$115	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:20
S122	10	\$121 and dead	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:21

S123	521	S121 not S122	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:23
S124	267	604/236.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:48
S125	380	604/237.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:48
S126	940	604/246.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S127	654	604/247.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S128	839	604/256.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:49
S129	2591	S124 or S125 or S126 or S127 or S128	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51
S130	1923	S129 and (valve or diaphragm or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51
S131	396	S129 and (diaphragm or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:51
S132	663	137/512.15.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S133	473	137/843.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S134	289	137/852.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S135	604	137/859.ccls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05

S136	1931	S132 or S133 or S134 or S135	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:05
S137	429	S136 and (diaphragm or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:08
S138	22	S137 and thinner	US- PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 15:18
S139	2	(("3827456") or ("7302962")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 16:23
S140	1	(("6390130")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/03/18 17:14
S141	520	604/74-76.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/06/30 09:23
S142	7	((("1500614") or ("3343566") or ("3827456") or ("5141298") or ("5566851"))).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/30 13:12
S143	1	((("20040250864")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/06/30 13:48
S144	773	604/73-76.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/06 17:29
S145	188	604/346.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:31
S146	48	S145 and valve	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:31
S147	256	604/323.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:33
S148	87	604/237.ocls.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:52

S149	705	604/247.ccl.s.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:57
S150	127	S149 and (diaphragm or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 10:58
S151	622	137/859.ccl.s.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 11:14
S152	264	137/512.15,599.01,843,852.ccl.s. and (diaphragm or diaphragm)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 12:39
S153	2	((6270474" or ("5601531")).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/12/07 13:48
S154	8	((5381563" or ("5771935" or ("7108361" or ("5025829" or ("4514742" or ("2497906" or ("7302962"))).PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/12/07 13:49
S155	1	("4181477").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/12/07 13:49
S156	36	((0568362"   "1619481"   "2669979"   "2809589"   "2880584"   "2980032"   "3045605"   "3127906"   "3314600"   "3356100"   "4086036").PN. OR ("4181477").URPN.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/12/07 13:49
S157	1	("4181477").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/12/07 15:18
S158	1	((3827456").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2010/12/07 16:11

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L29	7514	604/30,32,33,73-76,167.01-167.03,236,237,241,246-249,256,322-326,346,533,537,905.ccl.s.	US- PGPUB; USPAT; UPAD	ADJ	ON	2011/09/16 09:03
L30	2000	137/512.15,599.01,843,852,859.ccl.s.	US- PGPUB; USPAT; UPAD	ADJ	ON	2011/09/16 09:03
L31	9452	29 or 30	US- PGPUB; USPAT; UPAD	ADJ	ON	2011/09/16 09:03
L32	0	31 and (breast shield with pump\$3 with connector with thread\$3 with valve with dead volume with seat with diaphragm with lift\$3 with narrow with opening\$2 with web with T-shaped).clm.	US- PGPUB; USPAT; UPAD	ADJ	ON	2011/09/16 09:04
L33	22	((3981636"   "4799922"   "6270474"   "20040015127"   "6508792"   "6764286"   "5453097"   "20030153869"   "4813932"   "20040250864"   "5897033"   "6042560"   "6390130"   "4181477"   "4680028"   "5358476"   "6110141"   "5415632"   "5360413"   "5025829"   "6289521"   "3827456").PN.	US- PGPUB; USPAT; UPAD	ADJ	ON	2011/09/16 09:06

9/16/2011 9:09:14 AM  
C:\Documents and Settings\kbowsworth\My Documents\EAST\Workspaces\10588463\Breast\Valve.wsp